

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSMSL-0006-00( 478)	3	43

REVISED: 9/12/05

## GENERAL NOTES

- AT ALL EXPOSED CONDUIT LOCATIONS, GALVANIZED RIGID METAL CONDUIT SHALL BE USED.
- THE CONTRACTOR SHALL LOCATE AND CONTACT ALL UTILITIES BEFORE DIGGING TO ELIMINATE CONFLICTS WITH EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL USE THE ONE-CALL CENTER TELEPHONE NUMBER (770) 623-4344 FOR MARKING THE UNDERGROUND UTILITIES. FOR HIGHWAY LIGHTING PLANS, THE CONTRACTOR SHALL CONTACT ALLEN WALKER OF THE DEPARTMENT OF TRANSPORTATION AT (404) 656-0996.
- THE CONTRACTOR SHALL REPLACE IN LIKE KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE DEPARTMENT, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, RUMBLE STRIPS, SIGNS, GUARDRAIL, LANDSCAPING (IN ACCORDANCE WITH GEORGIA STANDARD SPECIFICATIONS SECTION 702), GRASSING (IN ACCORDANCE WITH GEORGIA SPECIFICATIONS SECTION 700), UTILITY SERVICE LINES, STORM DRAIN PIPES, AND ANY RETAINING WALL THAT IS REMOVED, DAMAGED, OR DESTROYED DUE TO THE INSTALLATION OF CONDUIT, FIBER OPTIC CABLE, STRAIN POLES, OR PROPOSED DEVICES. THE CONTRACTOR WILL NOT BE REQUIRED TO MAINTAIN LANDSCAPING AS SPECIFIED IN SECTION 702.17 OF THE GEORGIA STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL REPLACE OR RESTORE IN KIND AND SIZE ALL RUMBLE STRIPS THAT ARE REMOVED ENTIRELY OR PARTIALLY DURING THE CONSTRUCTION REQUIRED FOR THIS PROJECT. THE COST FOR REMOVAL AND INSTALLATION OF THE RUMBLE STRIPS SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR CONDUIT DUCTBANK.
- THE CONTRACTOR SHALL REMOVE THE PAVEMENT IN A MANNER TO PROVIDE A NEAT LINE WHERE CONDUIT IS INSTALLED. THE CONTRACTOR SHALL INLAY TO MATCH EXISTING SURFACE AFTER CONDUIT IS INSTALLED. THE COST FOR PAVEMENT REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR CONDUIT DUCTBANK.
- ANY REQUIRED EROSION CONTROL DEVICES WILL NOT BE MEASURED SEPERATELY AND SHALL BE INCLUDED IN THE COST OF THE OVERALL PRICE BID.
- WITHIN 24 HOURS, THE CONTRACTOR SHALL REPAIR ALL EXISTING CONDUIT, CABLE, OR PIPE THAT IS DAMAGED BY THE INSTALLATION OF CONDUIT, FIBER OPTIC CABLE, STRAIN POLES, OR PROPOSED DEVICES. THERE IS NO SEPERATE PAYMENT FOR THIS WORK.
- PAVEMENT MARKING AND RE-STRIPING ITEMS SHALL BE REPLACED IN KIND AND WILL BE COVERED UNDER TRAFFIC CONTROL.
- THE CONTRACTOR SHALL CONTACT THE DEPARTMENT'S FILE PLANS ROOM FOR DRAINAGE PLANS AS NEEDED FOR THIS PROJECT.
- CONDUIT UNDER RAMPS SHALL BE INSTALLED BY DIRECTIONAL BORING, UNLESS OTHERWISE NOTED IN THE PLANS.
- THE ELECTRICAL POWER SERVICE ASSEMBLY POINTS SHOWN ON THE PLANS ARE FOR THE CONTRACTOR'S USE IN DETERMINING POWER ROUTING TO EACH DEVICE. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL ELECTRICAL UTILITY COMPANIES TO PROVIDE POWER TO THE SERVICE RISER POINTS. ALL SERVICE RISER POINTS SHALL BE LOCATED WITHIN THE EXISTING RIGHT OF WAY AT THE NEAREST POINT WITHIN THE EXISTING RIGHT OF WAY. THE CONTRACTOR MAY OBTAIN ALTERNATE SERVICE POINT LOCATIONS THROUGH COORDINATEION WITH THE UTILITY COMPANIES. ALTERNATE SERVICE POINT LOCATIONS MUST BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DETAILED POWER ROUTING PLAN FOR THE 2" TYPE 2 CONDUIT FROM THE ELECTRICAL POWER ASSEMBLY POINT TO EACH DEVICE FOR APPROVAL BY THE ENGINEER. PAYMENT FOR COPPER WIRE, ELECTRICAL JUNCTION BOXES, TRANSFORMERS, DIRECTIONAL BORES ASSOCIATED WITH THE INSTALLATION, AND HORIZONTAL RUNS OF POWER CONDUIT SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR 2" TYPE 2 CONDUIT.
- ALL PROPOSED STRAIN POLES SHALL BE INSTALLED A MINIMUM OF 6' BEHIND EXISTING OR REQUIRED GUARDRAIL WHERE SHOWN ON THE PLANS.

13. UNLESS SHOWN OTHERWISE ON THE PLANS, THE CONTRACTOR SHALL LEAVE IN PLACE ALL EXISTING CCTV SYSTEMS, RADAR SYSTEMS, AND THEIR ASSOCIATED CONTROLLER CABINETS. THE POLE, ALL VERTICAL AND HORIZONTAL CONDUIT AND CABLE FROM THE ELECTRICAL POWER SERVICE ASSEMBLY POINT SHALL ALSO REMAIN IN PLACE

14. ALL MICROWAVE TRANSCEIVERS SHALL BE OUTDOOR MODEMS USING 24GHZ UNLICENSED BANDS, WITH A MINIMUM TRANSFER SPEED OF 50 MBPS, SNMP OR HTTP MANAGEMENT SYSTEM AND A 12" ANTENNA. THE MICROWAVE TRANSCEIVER SHALL BE ABLE TO WITHSTAND TEMPERATURES BETWEEN NEGATIVE FORTY (-40) AND POSITIVE FIFTY (50) DEGREES CELCIUS (NEGATIVE FORTY (-40) TO ONE HUNDRED & TWENTY TWO (122) DEGREES FAHRENHEIT, HUMIDITY OF ONE HUNDRED PERCENT (100%) CONDENSING, AND WITHSTAND WINDS UP TO 90 MPH. A POWER SUPPLY AT THE BASE OF THE POLE AND A CAT 5 CABLE TO THE MASTHEAD UNIT SHALL BE INCLUDED WITH THE MICROWAVE TRANSCEIVER IN THE PRICE OF THE CMS OR CCTV CAMERA, AS NOTED IN PLANS. THE MICROWAVE SYSTEM SHALL CONSIST OF TWO TRANSCEIVERS AND WILL BE INCLUDED IN THE BID PRICE FOR CCTV CAMERA AND CMS DEVICE WITHOUT A FIBER LINK.

15. NO NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT

16. ANY EXISTING LOOP DETECTORS THAT ARE CUT, DAMAGED, OR DESTROYED SHALL NOT BE REPAIRED BY SPLICING THE LOOPS CABLES TOGETHER. ALL LOOP LINES THAT ARE CUT, DAMAGED, OR DESTROYED SHALL BE REPLACED ENTIRELY AT NO SEPERATE EXPENSE TO THE DEPARTMENT. THE EXISTING LOOP DETECTORS ARE SHOWN ON THE PLANS FOR INFORMATION ONLY. THE CONTRACTOR SHALL CONTACT THE OFFICE OF TRANSPORTATION DATA AT (770) 986-1356 ONE WEEK PRIOR TO DOING ANY WORK AT THESE LOCATIONS. -

## UTILITIES CONTACT INFORMATION

MR. FERDINAND HENDERSON  
BELLSOUTH TELECOMMUNICATION  
SUITE 121  
400 CHASTAIN CENTER BLVD.  
KENNESAW, GEORGIA 30144

MR. JOEY BROWN  
COMCAST  
2925 COURTYARDS DRIVE  
NORCROSS, GEORGIA 30071

MR. JOHN CLARK, JR.  
GEORGIA POWER COMPANY  
BIN 39066  
829 JEFFERSON STREET  
ATLANTA, GEORGIA 30318

MR. DAN EVERITT  
GEORGIA POWER TRANSMISSION  
BIN 20033  
241 RALPH MCGILL BOULEVARD, N.E  
ATLANTA, GEORGIA 30308

MR. ALEXANDER B. SCHORSTEIN  
CITY OF ATLANTA WATERSHED MANAGEMENT  
68 MITCHELL STREET, S.W.  
4TH FLOOR, SUITE 4400  
ATLANTA, GEORGIA 303035-0325

MR. BRIAN LEAVELL  
ATLANTA GAS LIGHT COMPANY  
10 PEACHTREE PLACE  
ATLANTA, GEORGIA 30309

MR. PETER TINUBU  
UNITED WATER SERVICES ATL  
651 - 14TH STREET, N. W.  
ATLANTA, GEORGIA 30318

MR. STEVE POWNER  
GEORGIA POWER  
829 JEFFERSON STREET, N. W.  
ATLANTA, GEORGIA 30318

MR. JOSHUA B NELSON  
ATLANTA GAS LIGHT NETWORKS  
10 PEACHTREE PLACE, NE  
10TH FLOOR  
ATLANTA, GA 30309

MRS. PATRICE KEETER  
DEKALB COUNTY TRAFFIC ENGINEERING  
EXECUTIVE SQUARE  
1960 WEST EXCHANGE PLACE  
5TH FLOOR  
TUCKER, GEORGIA 30084

MR. ROY BARNES  
DEKALB CO. WATER & SEWER  
1580 ROADHAVEN DRIVE  
STONE MOUNTAIN, GEORGIA 30083

MR. BILL MADDOX  
GEORGIA POWER COMPANY  
930 PONCE DE LEON PLACE  
ATLANTA, GEORGIA 30306

MR. GENE GEREN  
AT&T COMMUNICATIONS  
360 GEES MILL BUSINESS PARKWAY  
CONYERS, GEORGIA 30013

MR. MIKE PALLESCHI  
LEVEL 3 COMMUNICATIONS  
SR. OUTSIDE PLANT MANAGER  
180 PEACHTREE ST  
ATLANTA, GA 30303

MR. BOBBY KING  
XSPEDIUS FIBER GROUP /FORMERLY A.C.S.I.  
5901 PEACHTREE-DUNWOODY  
SUITE 65 C  
ATLANTA, GEORGIA 30024

MR. JOE DEGROM  
BELLSOUTH  
400 CHASTAIN CENTER BLVD., SUITE 121  
KENNESAW, GA 30144

MR. EDDIE ROBERTS  
CITY OF ATLANTA BUREAU OF WATER  
SUITE1650  
55 TRINITY ST. S.W.  
ATLANTA, GEORGIA 30335

MR. BRIAN RELL  
METROMEDIA FIBER NETWORK SERVICES  
370 LAHONTAN PASS  
SUWANEE, GEORGIA 30024

MR. W. T. NELSON  
COBB E.M.C.  
1000 E.M.C. PARKWAY, BLDG. 4  
MARIETTA, GEORGIA 30060

MR. RUSSELL COOKE, P.E.  
COBB COUNTY WATER SYSTEM  
660 SOUTH COBB DRIVE, S. E.  
MARIETTA, GEORGIA 30060-3105



**Dig | Safely.**  
1-800-282-7411  
770-623-4344

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF TRAFFIC OPERATIONS

ITS - CMS & SURVEILLANCE  
ENHANCEMENTS TO EXISTING SYS